

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L2 | 104 | @ad<"20020626" and ("257"/\$.ccls. or "455"/\$.ccls. or "333"/\$.ccls.) and (transistor with diode with equivalent) and lateral | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 11:29 |
| L3 | 34 | L2 not (MOS or MOSFET) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 11:29 |
| S1 | 2 | ("5689818").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 11:43 |
| S2 | 5998 | ((455/73,78,80,82,83,84,89,129) or (333/101,103,104) or (370/280) or (327/427)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 11:44 |
| S3 | 3883 | S2 and @ad<"20020626" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 18:20 |
| S4 | 368 | S3 and (frequency with switch\$3).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/03 13:04 |
| S5 | 62 | S4 and (PIN near diode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/03 11:46 |
| S6 | 33 | S5 and (switch\$3 near2 signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/03 12:57 |

| | | | | | | |
|-----|-----|---|---|----|-----|------------------|
| S7 | 2 | S5 and PNP | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/03 12:47 |
| S8 | 29 | S5 not S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/03 12:57 |
| S10 | 103 | S3 and (frequency with switch\$4).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/03 14:38 |
| S13 | 237 | S3 and ((GSM or DCS or PCS or WCDMA) and (frequency with switch\$4)).bsum. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/03 13:35 |
| S14 | 84 | S13 and (frequency with switch\$4).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/03 13:09 |
| S15 | 52 | S3 and ((GSM and (DCS or PCS or WCDMA)) and (frequency with switch\$4)).bsum. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/03 13:36 |
| S17 | 3 | S2 and (duplexer with circuit).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 14:10 |
| S18 | 7 | S3 and (frequency with switch\$4).ab. and (parasitic near2 diode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/03 14:42 |

| | | | | | | |
|-----|---------|---|---|----|-----|------------------|
| S21 | 20 | S3 and (PNP with transistor with control) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/03 15:36 |
| S22 | 634 | @ad<"20020626" and (transistor with switch\$4 with pnp).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 16:59 |
| S24 | 33 | S22 and (lateral near2 pnp) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 17:00 |
| S27 | 75 | @ad<"20020626" and "257"/\$.ccls. and (diode with (parasitic adj diode) with form\$3 with transistor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 18:04 |
| S28 | 61 | @ad<"20020626" and "257"/\$.ccls. and (diodes near3 form\$3 near3 transistor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 18:11 |
| S29 | 1 | @ad<"20020626" and "257"/\$.ccls. and (diodes near3 form\$3 near3 (pnp near2 transistor)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 18:19 |
| S30 | 705738 | transistor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 18:19 |
| S31 | 5139895 | "as" or equivalent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 18:19 |

| | | | | | | |
|-----|--------|--|---|----|-----|------------------|
| S32 | 678372 | diode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/03 18:20 |
| S33 | 8694 | S30 with S31 with S32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/03 18:34 |
| S34 | 7137 | @ad<"20020626" and S33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 18:34 |
| S35 | 1044 | S34 and ("257"/\$.ccls. or "455"/\$. ccls. or "333"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 18:35 |
| S36 | 161 | S35 and (switch\$4).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 18:32 |
| S37 | 40 | S35 and (lateral adj transistor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 18:35 |
| S38 | 1446 | S30 with S32 with equivalent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/03 18:34 |
| S39 | 1055 | @ad<"20020626" and S38 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 18:34 |

| | | | | | | |
|-----|-----|--|---|----|-----|------------------|
| S40 | 248 | S39 and ("257"/\$.ccls. or "455"/\$.ccls. or "333"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 18:42 |
| S41 | 6 | S40 and (lateral adj transistor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 18:35 |
| S42 | 58 | @ad<"20020626" and ("257"/\$.ccls. or "455"/\$.ccls. or "333"/\$.ccls.) and switch\$3 and ((lateral adj transistor) with NPN) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 18:43 |
| S43 | 4 | @ad<"20020626" and ("257"/\$.ccls. or "455"/\$.ccls. or "333"/\$.ccls.) and switch\$3 and ((lateral adj transistor) with NPN).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 18:58 |
| S44 | 0 | S43 and (low near2 voltage) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 18:46 |
| S45 | 13 | S42 and (low near2 voltage) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 18:46 |
| S46 | 2 | @ad<"20020626" and ("257"/\$.ccls. or "455"/\$.ccls. or "333"/\$.ccls.) and (switch\$3 same ((lateral adj transistor) with (low near2 voltage))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/06 11:24 |
| S47 | 3 | @ad<"20020626" and ("257"/\$.ccls. or "455"/\$.ccls. or "333"/\$.ccls.) and (switch\$3 same ((lateral adj transistor) same (low near2 voltage))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 19:07 |

| | | | | | | |
|-----|-----|---|---|----|-----|------------------|
| S48 | 21 | @ad<"20020626" and ("257"/\$.ccls. or "455"/\$.ccls. or "333"/\$.ccls.) and (((lateral adj transistor) same (low near2 voltage))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 19:07 |
| S49 | 104 | @ad<"20020626" and ("257"/\$.ccls. or "455"/\$.ccls. or "333"/\$.ccls.) and (transistor with diode with equivalent) and lateral | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 11:29 |
| S50 | 46 | S49 and (lateral near2 transistor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 11:25 |